

SLR:dm 09/06/05 5585-70293-01 425218.doc MON/P100681US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Boden et al.

Application No. 10/521,628

Filed: January 13, 2005 Confirmation No. 2023

Confirmation No. 2023

For: BETA SHEET TAPES RIBBONS IN

TISSUE ENGINEERING

Examiner: Not yet assigned J, HA

Art Unit: Not yet assigned 1654

Attorney Reference No. 5585-70293-01

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP PCT, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney or Agent for Applicant(s)___

Date Mailed

September 6, 2005

INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. § 1.97(b)(3)

MAIL STOP PCT COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

Copies of United States patents and United States published patent applications do not have to be provided to the Patent Office (37 C.F.R. 1.98(a)(2)(ii)). Copies of unpublished U.S. applications do not have to be provided, as long as the application is available on PAIR, as this requirement of 37 C.F.R. § 1.98(a)(2)(iii) has been waived by the United States Patent and Trademark Office pursuant to the Official Gazette Notice on October 19, 2004 (1287 OG 163). Applicants will provide copies of such patents or applications upon request.

Applicants filed this Information Disclosure Statement ("IDS") before the mailing date of a first Office action on the merits. As a result, no fee should be required to file this IDS.

However, if the Patent Office determines that a fee is required for Applicants to file this IDS, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A duplicate copy of this Information Disclosure Statement is enclosed.

The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

Sheree Lynn Rypak, Ph

Registration No. 47,913

One World Trade Center, Suite 1600 121 S.W. Salmon Street Portland, Oregon 97204 Telephone: (503) 226-7391

Facsimile: (503) 228-9446

cc: Docketing

| | | | | | Attorney Docket Number | | | 5585-70293-01 | | |
|--|--|---|---|--------------------|--------------------------------|--------------------------------|-------------------------------|--|--|--|
| | | Application Number | | | 10/521,628 | | | | | |
| INFOR | E STAT | Filing Date | | | January 13, 2005 | | | | | |
| | [| First Named Inventor | | | Boden | | | | | |
| | | | | | Art Unit | | | Not yet assigned 1654 | | |
| ļ | | Examiner Name | | | Not yet assigned T. Ha | | | | | |
| | | | U.S. | PATENT DO | CUMEN | TS | | | | |
| number and the | e issue date. | ments do not need to b For published U.S. ap the application numb | plications, | provide the public | by the Patent cation number | and Trademan and the public | rk Office. cation date | For patents, provide the patent e. For unpublished pending | | |
| Examiner's Initials* | Cite No. (optional) | Number | | Publication Date | | Name of Ap | | oplicant or Patentee | | |
| /JH/ | | 6,034,211 | | 3/7/2000 | | Kelly | | | | |
| | | 1 | OREIC | EN PATENT | DOCUM | ENTS | | | | |
| Examiner's Initials* | . Cite No. (optional) | Country | N | umber | Publication Date | | Name of Applicant or Patentee | | | |
| /JH/ | | WIPO | WO 03 | /006494 A1 | 23.01.20 | 03 | | rsity of Leeds | | |
| Examiner's Initials* | Cite No. (optional) | OTHER DOCUMENTS | | | | | | | | |
| /JH/ | | Aggeli et al., "Responsive Gels Formed by the Spontaneous Self-Assembly of Peptides Into Polymeric \(\mathcal{B}\)-Sheet Tapes," Nature 386:259-262 (1997). | | | | | | | | |
| | | Aggeli et al., "pH as a Trigger of Peptide β-Sheet Self-Assembly and Reversible Switching between Nematic and Isotropic Phases," J. Am. Chem. Soc. 125:9619-9628 (2003). | | | | | | | | |
| | | Fishwick et al., "Structures of Helical β -Tapes and Twisted Ribbons: The Role of Side-Chain Interactions on Twist and Bend Behavior," Nano Lett. 3:1475-1479 (2003). | | | | | | | | |
| | | Peptide," Polyn | Fukushima, "Self-Induced Helix-Sheet Conformational Transitions of an Amphiphilic Peptide," <i>Polym. J.</i> 27:819-830 (1995). | | | | | | | |
| Nyrkova et al., "Fibril Stability in Solutions of Twisted β-Sheet Peptides: A Micellization in Chiral Systems," Eur. Phys. J. 17:481-497 (2000). | | | | | | | | | | |
| \forall | Nyrkova et al., "Self-Assembly and Structure Transformations in Living Polymers Forming Fibrils," Eur. Phys. J. 17:499-513 (2000). | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| • | | | • | | | | | | | |

| EXAMINER /Julie Ha/ SIGNATURE: | DATE CONSIDERED: | Sept. | 08 | 2005 |
|-----------------------------------|---------------------|-------|----|------|
|-----------------------------------|---------------------|-------|----|------|

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.